To: Gullett, Brian[Gullett.Brian@epa.gov]; Tabor, Dennis[Tabor.Dennis@epa.gov]

From: Aurell, Johanna

Sent: Tue 9/6/2016 1:22:08 PM **Subject:** Re: sample update

We need 4 1/2" PUF for each dioxin sample. The amount of samples were calculated using the old flow rate, it might differ some with the new flow rate and the Tables states minimal amount of samples for each source. So that might be more.

VOCs also.

We might have to discuss how many samples we need.

From: Gullett, Brian

Sent: Tuesday, September 6, 2016 8:56:05 AM

To: Tabor, Dennis; Aurell, Johanna **Subject:** Re: sample update

Johanna, can you decipher this?

Brian Gullett, Ph.D. U.S. Environmental Protection Agency Office of Research and Development

From: Tabor, Dennis

Sent: Tuesday, September 6, 2016 7:29:33 AM

To: Gullett, Brian; Aurell, Johanna **Subject:** RE: sample update

Just Double Checking

According to the Sample Update we need Flat puf for one sampling at Radford. I think that means we need PUF (4 per sample) for the sample, a background, and a backup.

Also it looks like I need to order the carbotrap tubes from ALS. It looks like 4 samples one background and a backup. I will put in a PR for 6 tubes.

Thanks,

Dennis Tabor
US Environmental Protection Agency (E-343-03)
Office Of Research and Development
National Risk Management Research Laboratory
109 T.W. Alexander Drive
Research Triangle Park, NC 27711

919-541-2686 (Voice)

tabor.dennis@epa.gov

Ship To Address

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USEPA Attn: Dennis Tabor

4930 Old Page Rd.

Durham NC 27703

From: Gullett, Brian

Sent: Tuesday, August 09, 2016 1:02 PM

To: Tabor, Dennis <Tabor.Dennis@epa.gov>; Aurell, Johanna <Aurell.Johanna@epa.gov>

Subject: sample update

9-Aug-16	namananan markan kan kan kati kanan dan manda kan kati kan kati kan	a 11 h dann webra 100 kwi wani libera 10 kwi mwani ba aa fada ka la sa 21 dhee 100 kw	uumdeesta kalliittien on marainen maana on maana sa 2222 222 222 222 22 200 maanannis kalliitiliin maata
yera maamaanaa maa'aa maamaa oo ka ay haliin iliin iliiin iliin iliiin iliin iliin iliiin iliin iliin iliin iliin iliin	MeBr	ARL	Radford
fuel		Стіновично продолження вод продолження под продолження под продолження под продолження под продолження под прод	
C, Br, Cl biomass	2	NA	NA
			MK90/skid
emissions#	8/23/2016	9/2/2016	9/15/2016
PAHs	4	4	NA
Energetics, NC/N	NA	4	2/2
PCDD/PCDF	2	NA	0/1
PBDD/PBDF	2	NA	NA
SUMMA	4	4	NA
carbonyls	4	NA	
Carbotrap	NA	NA	2/2
PM	8	8	6/6
PM-XRF	4	8	3/3/
Cr	NA		2/4
HCI	NA		0/3
CIO4	NA		0/3
CI2	NA		The state of the s
Br2	4		
HBR	4		STATE OF THE PARTY
CI- filter	NA		
Br- filter	4		121
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ash	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Z000000	
PCDD/PCDF*		NA	
PBOD/PBDF*	1	NA	
C, Br, Cl	2	NA	
*Contingent upon emission "hits"			